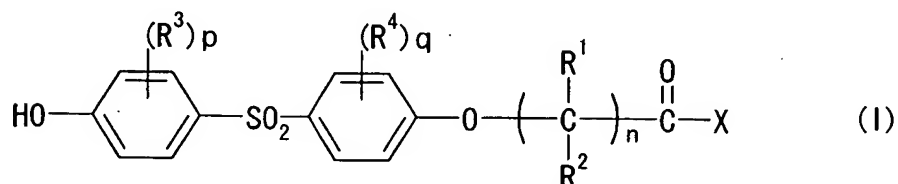


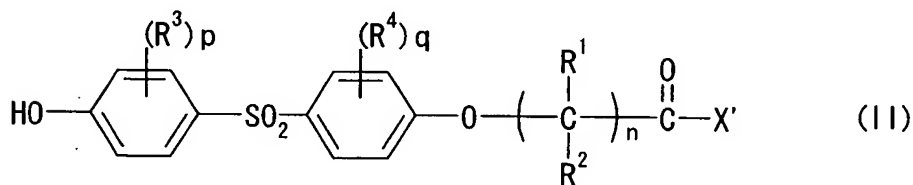
## CLAIMS

1. A recording material including a color forming dye, comprising: at least one of diphenylsulfone derivatives represented by the general formula (I):



(wherein  $\text{R}^1$  and  $\text{R}^2$  each independently represents a hydrogen atom or a C1 to C6 alkyl group,  $n$  represents an integer of 1 to 6,  $\text{R}^3$  and  $\text{R}^4$  each independently represents a halogen atom, a C1 to C6 alkyl group, a C2 to C6 alkenyl group, or a C1 to C6 alkoxy group,  $p$  and  $q$  each independently represents an integer of 0 to 4,  $\text{R}^3$  and  $\text{R}^4$  may be the same or different when  $p$  and  $q$  each represents an integer of 2 or more,  $\text{X}$  represents  $\text{OR}^5$  or  $\text{NR}^6\text{R}^7$  wherein  $\text{R}^5$  represents a C1 to C6 alkyl group, a C1 to C6 hydroxyalkyl group, a C1 to C6 alkoxy-C1 to C6 alkyl group, a phenoxy-C1 to C6 alkyl group, a phenyl group which may have a substituent, or a benzyl group which may have a substituent, and  $\text{R}^6$  and  $\text{R}^7$  each independently represents a hydrogen atom, a C1 to C6 alkyl group, a phenyl group which may have a substituent, or a benzyl group which may have a substituent).

2. A diphenylsulfone derivative represented by the general formula (II):



(wherein  $\text{R}^1$  and  $\text{R}^2$  each independently represents a hydrogen atom or a C1 to C6 alkyl group,  $n$  represents an integer of 1 to 6,  $\text{R}^3$  and  $\text{R}^4$  each independently represents a halogen atom, a C1 to C6 alkyl group, a C2 to C6 alkenyl group, or a C1 to C6 alkoxy group,  $p$  and  $q$  each independently

represents an integer of 0 to 4,  $R^3$  and  $R^4$  may be the same or different when p and q each represents an integer of 2 or more,  $X'$  represents  $OR^8$  or  $NR^6R^7$  wherein  $R^8$  represents a C1 to C6 alkyl group, a C1 to C6 hydroxyalkyl group, a C1 to C6 alkoxy-C1 to C6 alkyl group, a phenoxy-C1 to C6 alkyl group, a phenyl group which may have a substituent, or a benzyl group which may have a substituent, and  $R^6$  and  $R^7$  each independently represents a hydrogen atom, a C1 to C6 alkyl group, a phenyl group which may have a substituent, or a benzyl group which may have a substituent, provided that  $R^8$  is not an ethyl group when  $R^1$  represents a hydrogen atom,  $R^2$  represents a hydrogen atom, n represents 1, p represents 0, q represents 0, and  $X'$  represents  $OR^8$ ).